

Abstract of the Disclosure

A lamp assembly for use in a pressure sensitive paint measuring system, such as for measuring pressure on a test air vehicle using pressure sensitive paint, is constructed and
5 configured to provide (1) exceptional cooling for the various optical elements and the housing, (2) a combination of filters that minimizes heat load on the interference filter, yet provides a high beam intensity at the desired wavelength, (3)
10 a mounting structure for the lamp assembly that allows the lamp assembly to be accurately aimed and positioned with little translation of the output aperture, and (4) easy access to the internal components, including the bulb-reflector assembly and optical elements.